

**Dakota Group Basin-Center Gas
50390662**

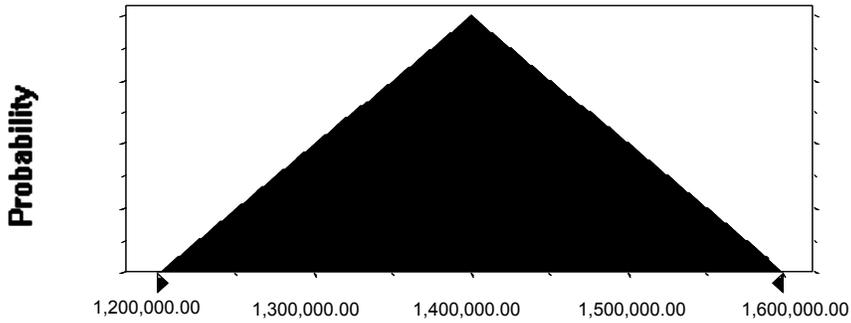
Geologic Probability = 1.0

Total Assessment-Unit Area (acres)

Triangular distribution with parameters:

Minimum	1,200,000.00
Median	1,400,000.00
Maximum	1,600,000.00

Selected range is from 1,200,000.00 to 1,600,000.00

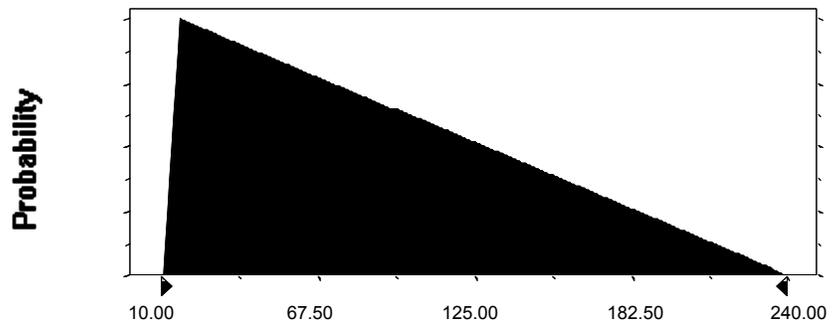


Area per Cell of Untested Cells (acres)

Triangular distribution with parameters:

Minimum	10.00
Median	80.00
Maximum	240.00

Selected range is from 10.00 to 240.00

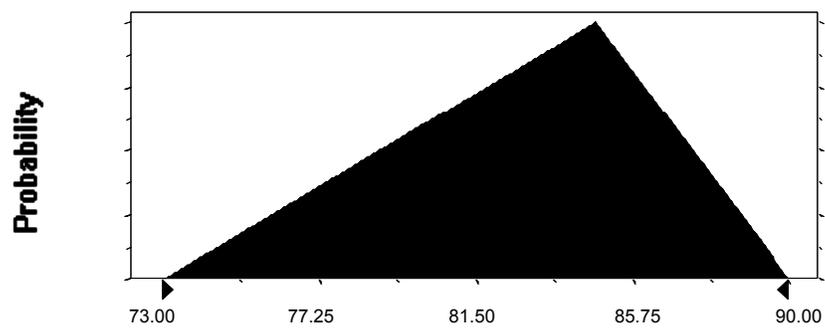


Percentage of Total Assessment-Unit Area That Is Untested

Triangular distribution with parameters:

Minimum	73.00
Median	83.00
Maximum	90.00

Selected range is from 73.00 to 90.00

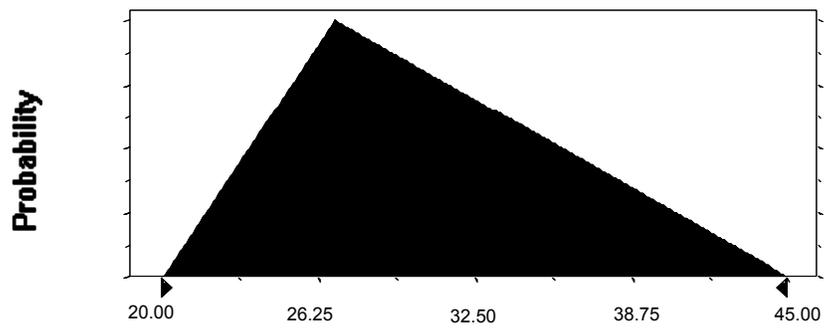


Percentage of Untested Assessment-Unit Area Having Potential

Triangular distribution with parameters:

Minimum	20.00
Median	30.00
Maximum	45.00

Selected range is from 20.00 to 45.00

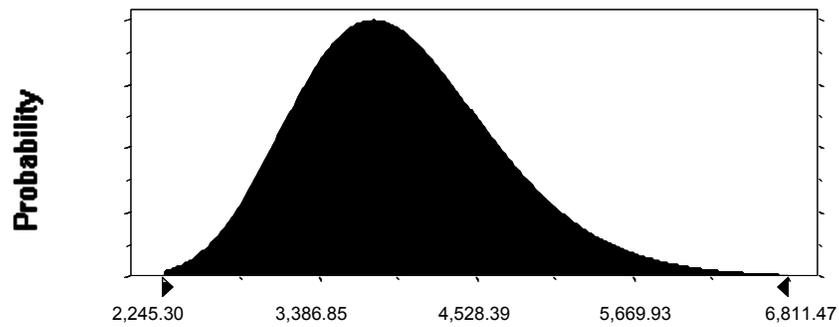


Number of Potential Untested Cells

Lognormal distribution with parameters:

Mean	3,978.20
Standard Dev.	742.15

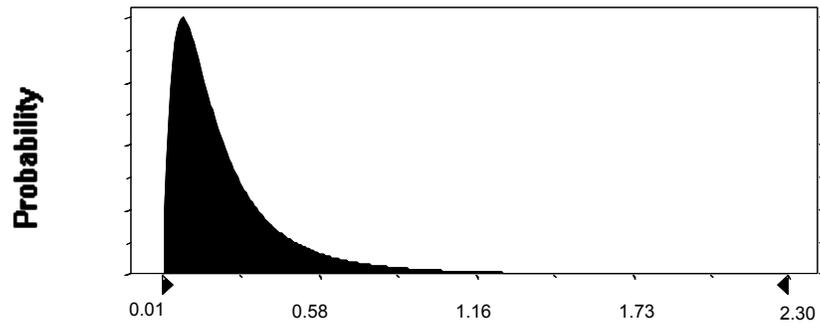
Selected range is from 0.00 to +Infinity



Total Recovery per Cell (BCFG)

Lognormal distribution with parameters:

Log Mean	-1.71
Log Std. Dev.	0.85
Minimum	0.02
Median	0.20
Maximum	2.50

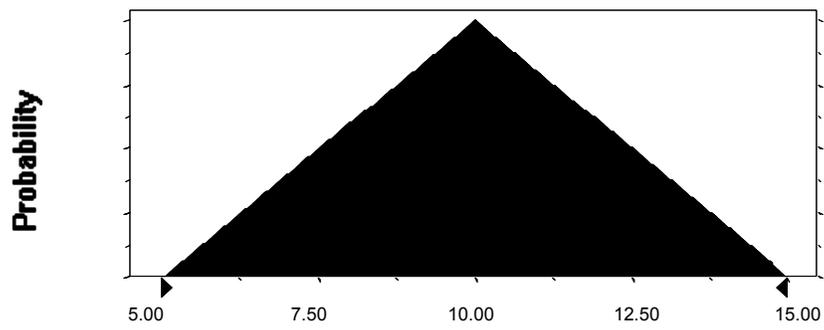


Liquids/Gas Ratio (BL/MMCFG)

Triangular distribution with parameters:

Minimum	5.00
Median	10.00
Maximum	15.00

Selected range is from 5.00 to 15.00

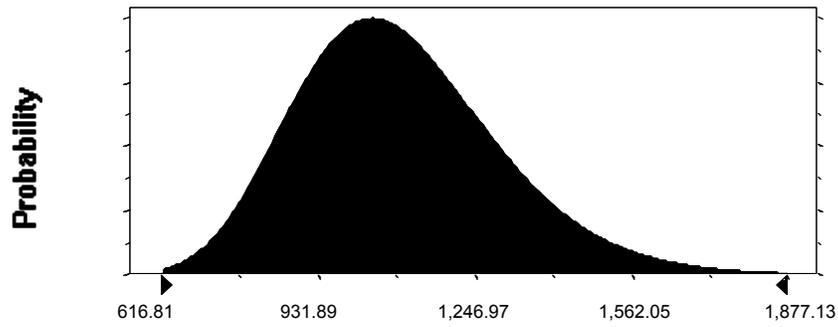


Gas in Gas Accumulations (BCFG)

Lognormal distribution with parameters:

Mean	1,094.70
Standard Dev.	204.81

Selected range is from 0.00 to +Infinity

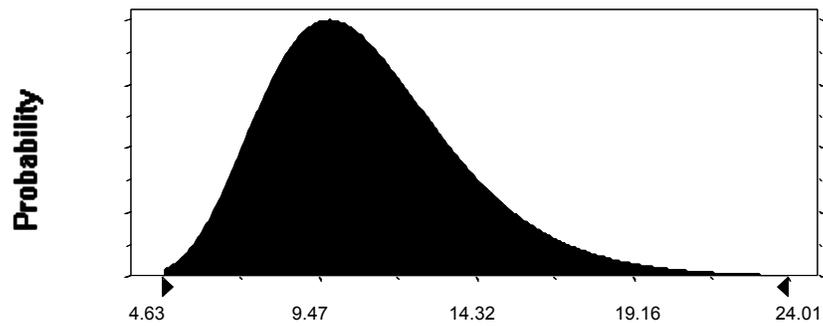


Liquids in Gas Accumulations (MMBL)

Lognormal distribution with parameters:

Mean	10.95
Standard Dev.	3.06

Selected range is from 0.00 to +Infinity



End of Assumptions



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Chapter 4